

(19) World Intellectual Property
Organization
International Bureau



557 759

(43) International Publication Date
2 December 2004 (02.12.2004)

PCT

(10) International Publication Number
WO 2004/103744 A1

(51) International Patent Classification⁷: **B60F 3/00**

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(21) International Application Number:
PCT/GB2004/002165

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(22) International Filing Date: 19 May 2004 (19.05.2004)

(25) Filing Language: English

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(26) Publication Language: English

(30) Priority Data:
0311500.3 19 May 2003 (19.05.2003) GB

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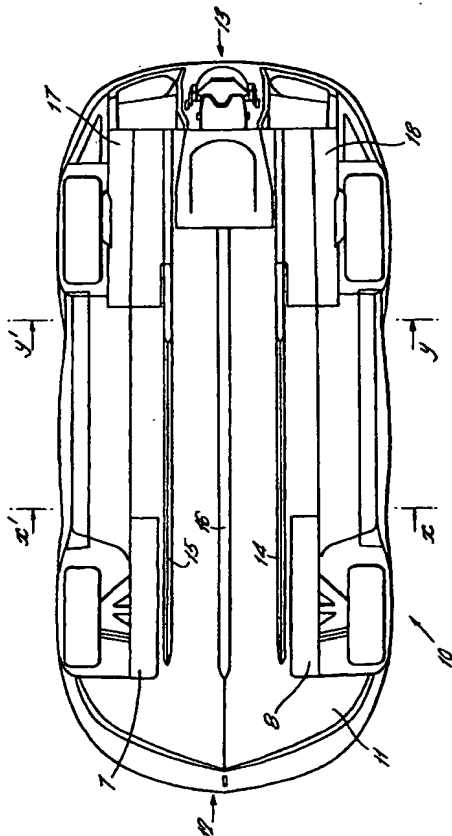
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(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: A HULL FOR AN AMPHIBIOUS VEHICLE



(57) Abstract: Marine vessel hull (11), with reference to figs. 1-3, is fitted with one or more laterally spaced strakes (14, 15), and optional keel (16). Each strake forward end may be triangular in cross-section (fig. 2), while each rearward end is quadrilateral in cross-section (fig. 3). Each strake may extend along most of the length of the hull; but not below the bottom of a keel. The strakes may extend over removable panels in the hull underside. A section of each strake may be formed integrally with the hull; with another section formed separately, then affixed to the hull. The arrangement of strakes is particularly suitable to a planing amphibious vehicle with a low hull deadrise, as the strakes have little effect on ground clearance, but act as hydrodynamic aids on water. A forward triangular section allows turning in displacement mode, but the aft section resists turning in both displacement and planing modes.

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ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- *of inventorship (Rule 4.17(iv)) for US only*

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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